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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: DE MATOS CORREIA E VALLE ET AL. - 1  
SERIAL NO.: 10/791,994 EXAMINER: GABEL, GAILENE  
FILED: MARCH 3, 2004 GROUP: 1641  
TITLE: MULTIDIMENSIONAL DETECTION OF ABERRANT PHENOTYPES  
IN NEOPLASTIC CELLS TO BE USED TO MONITOR MINIMAL  
DISEASE LEVELS USING FLOW CYTOMETRY MEASUREMENTS

AMENDMENT IN RESPONSE TO SECOND OFFICE ACTION

**MAIL STOP AMENDMENT**

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Second Office Action dated October 31, 2007, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on Page 2 of this paper.

**Remarks/Arguments** begin on Page 12 of this paper.